

No 6

No. 5 1 4

簿習練

製館書印務商海上

Diary No 6

McGraham
Smithsonian Diary
no date, from
Feb. 15, 1929 to

Mammals up to
date include
mammal no 156.

Boxes include
box no 2 3 4

Feb. 15. Last night I
took care of bird specimens.
Today I went on a long
hunt up a canyon
northwest of here and
secured 23 birds. The
village of Tai Ping
Tsang² is in the canyon
where we collected. There
was most beautiful scenery,
high mountains in front,
and on both sides, ~~valleys~~
forests, green hillsides, etc.
Feb. 16. In the morning I went
for ~~the~~ a three-hour hunt,
securing seven birds. I
saw a large eagle, but did
not get a shot at him.

I also saw a flock of
bamboo partridges. I expect
to leave Tuesday a.m. and
shoot as I go down the
river to Kinting. This
evening I prepared the
skeletons of 26 birds.

Feb. 17, I skinned four
birds and cleaned
two bird skeletons. We
are drying bird skeletons
in the oven so the
meat on them will not
decay and stink. My
regular bird skinner
is not along with me.
Since leaving Suifu I
have taken care of nearly

a hundred birds. I have
saved nearly twenty dollars
Mexican because the skinner
was not along and I have
done the work myself,
but it slightly limits the
amount of specimens that
I can collect and take
care of.

Feb. 18. Today I
made 12 anthropometrical
measurements. Then
I went hunting and
secured ten birds,
some of which seem
rare and interesting.
One red bird looks
like some that I secured

near Tatsienlu.

Feb. 19, Today I cared
for five bird specimens,
and took anthropo-
metrical measurements
of ~~five~~ one Chinese.
I also visited two
Chinese temples,
noting the gods etc.
I spent some time
packing for the
trip down the
river to Kiating. I
expect to leave on
a raft tomorrow
morning.

Feb. 20, went by raft
to Lo² Ba⁴. Shot

a number of ducks and
a kingfisher. One male
fishduck seems to be
important as a specimen.
I am sure that I
secured a specimen
a few years ago,
preserving the skin,
so I am preserving
the skeleton of this
one. I have killed a
number of fishducks
hoping to get the rarer
kind, *mergamus squamatus*.
Feb. 21. Today I killed
one of the eagles. I
killed it just above
Hong Ya. Since I

previously sent in
two skins, I am
sending in the skeleton
of this bird. Otherwise
today's catch has been
disappointing. It was a
bright, sunshiny day,
and that may be a reason
why good specimens could
not easily be secured.

I saw a second eagle
of the same kind below
Hong ya, but I could not
get near it. It was on
an island where the
raft could not get near
it! There are many
fierce-looking stones

and wild rapids in
this river between
Yochow and Kiating.
Ordinary boats could
not navigate this stream
in some cases, but the
rafts made of large bamboos
do it quite successfully.
Feb. 22. This morning
there was a full moon
and a clear sky after
midnight, so the boatmen
started travelling down
the river about two-thirty
A.M. It became foggy
about daylight, but the
raft did not stop. We
arrived at Kiating

10.30 a.m. I expect to
spend tomorrow in the
Han Dynasty tombs
and Sunday visit
temples. I will also
hunt birds. This
afternoon I hunted
gulls, which are often
seen flying above
the Min and the Ya
Rivers. It was a hot,
sunshiny afternoon,
and there was not a
gull in sight. They
apparently fly around
earlier and probably
later in the day.
This afternoon I

called on the city
postmaster. He showed
me three images of
men and one of a
fowl from the Han
Dynasty tombs. They
were unglazed earthenware.
Most Chinese believe
these Han Dynasty
tombs to be Mansi
Caves, but to my
surprise the postmaster
said they were Han
Dynasty Chinese
tombs, and that
these images of men
went back ^{to} or were ^{rooted}
back in an earlier custom.

of actually killing people
and burying them in the
tombs or of burying people
alive. He had apparently
reached this conclusion
through the study of
the materials themselves
and of their Chinese
sources, such as ^{historical} records.

Feb. 23. I sent Chen²
Gih Yen across the
Min River to look for
artifacts on that side of
the river, and with
two coolies I went to the
caves about ten li
northwest on the Ya
River. Chen Gih Yen

got nothing of value,
but got into a cave
where there was a wild
animal that may have
been a wolf or a fox.
He attacked the animal,
but it got away. He bumped
his head on the roof of
the cave - tomb and raised
a good big bump. I got
much more than he
did, but was somewhat
disappointed in the number
and value of the artifacts
collected. I secured two
birds, one of which I
believe is new as far
as my collecting is

concerned. I made
some diagrams of caves
etc. When I was about
to return to the city, I
saw a rabbit chased
into clumps of
high grass about a
mile long and a
quarter of a mile wide.
I spent some time
hunting for him, but
did not find him.
I did a good deal of
walking and climbing
today, and also did
a good deal of work
with the hoe. In
many of the caves I

had to lie flat and
crawl into the caves
and out of them.

Feb. 24. Today I had
to speak twice in the
local church. When Zih
Yien the netter worked
in the Han Dynasty
tombs, but got nothing
worth while. We have
covered many of these
tombs, and it is getting
harder to secure artifacts
worth while. However,
I can not be sure that
he tried hard, and really
did his best. He is
quitting as soon as we

reach Suifu, and
I will try to find and
train another man at
once. I do not think
he has been doing faith-
ful work at Yachow
during the past few
months. This afternoon
I went across the river
near the Great Buddha
and visited a number
of the old tombs on that
side of the river. I took
some pictures of some
artifacts from the
Han Dynasty tombs
that are in the hands
of the Kiating Postmaster.

Feb. 25. Finished packing
this morning, and started
down the river towards
Suifu. Killed two gulls
before leaving Kiating.
I saw gulls as far
down the river as
Lchien way or Kienway.
They are not at Suifu.
Stopped for the night
at Yao-gu-tso.
Feb. 26. We struck a
hard, up-river wind. It
was so strong that the
boatmen on another
boat got off and pulled
the boat downstream
by the bamboo rope or in-

are used in pulling
boats upstream. For
six or seven miles three
men walked downstream
on the other side of the
river, and we ~~did not~~ did not
go any faster than they
did. Either the robbers
have been scared away,
or they are busy enjoying
the New Year season,
for none of them are
busy on this part of
the river just now.

On the way to Yachow
I had a heavy escort,
but I have none just
now. We are stopping

at Sin Shih Pier tonight
40 li from Suifu.
Feb. 27. at about 2:30 AM
the moon was very bright,
so the boatmen started for
Suifu. They came to a bad
rapid, and were soon
stalled on some rocks
with danger that the
boat would be wrecked.
Life-boats began to
hover about like vultures
around a carcass. They
would have demanded
big sums of money to
save us if we had been
wrecked. I jumped out
of bed and worked for some

time with bare feet - later
took time to put ~~my~~ shoes on.
after working over an hour
we got into the right channel
and got over the rapid. we started
to land at ~~Soto~~ Sobochi, but
missed the landing and barely
missed being hurled against
some rocks. we turned back
into the main stream to
avoid the rocks, and finally
landed in a little bay and
anchored until morning,
when we came on to
Suifu. Spent the rest
of the day unpacking,
receiving callers, etc.
a letter from my wife

tells about that the whole
family, including my wife,
has had the flu, my wife
and the baby quite badly.
Feb. 25. Today I have
had the skinner drying
bird skeletons all day.

When Gih Wen has
done unsatisfactory work
collecting in Yachow. He
had trouble both with
foreigners and with Chinese.
He did not do faithful
collecting, securing only
a fraction of what he
could have and ought
to have secured. He was
in a big gambling deal.

and one of the men who
lost was a nurse in our
Yachow hospital. The
nurse felt so badly that
he committed suicide. When
Gih ven said that the
hospital persecuted him
so much that he committed
suicide, and started to
cause a big disturbance
against the foreigners by
arousing the Chinese servants
who were employed by the
foreigners to strike &c.
He was persuaded to
desist, but came within just
a little of unjustly harming
the foreigners at Yachow.

Because he was sending
in so few specimens I
instructed a friend at
Yachow to discontinue
his salary and send him
back to Suifu. He wrote
a letter to me stating that
he had lots of specimens
on hand, and that he ^{had}
written two letters telling
about his unjust treatment,
one to the Smithsonian
Institution and one to the
American government.
What he wrote, if he
wrote at all, and who
received those letters I
do not know. I sent him

word that if he worked
and secured specimens
as he ought, his wages
would be paid. He braced
up, and had some good
specimens when I reached
Yachow, but said he
was determined to quit
and go into business. He
said he wanted me to
bring ~~off~~ him back to Suifu,
which I have done. We settled
up finally today. He showed
a bad spirit, and tried to
find ways to compel me
to give him more money
than was due him. I am
glad I am through with

him and have already
taken steps to secure
a new collector.

I hope to get some of
my specimens dried and
forwarded to the Smithsonian
Institution in a few days.
March 1. When Gih Wen
has asked permission
to bring in any specimens
that he may run across,
and of being paid in proportion
to the number of specimens
secured, which I have
agreed to. If he brings
nothing he gets nothing.
Since returning to
Suifu I have had a

very strenuous program.
I have taken no time
to rest, and have barely
taken time to eat properly.
The result is that today
my digestive organs
got badly upset, they
are feeling better now.

March 2. Today with the
help of the skinner Ho
I packed several boxes
of bird skeletons. A
letter from the American
Express Company shows
that all the 216 boxes
of artifacts and specimens
that I sent in during
my first year, with

The exception that
either one number
was skipped or the
box with that number
must have been lost
have been received and
forwarded to the Smithson-
ian Institution by the
American Express Company.
This is pleasing news to
me, of course.

March 3. a boat coming down
the Min River was fired upon,
and then robbed. One man was
killed and one wounded.

I recopied all the
anthropometrical measurements
which I took at Yachow.

I labelled a few boxes of specimens. I have already filled boxes including number 243 and probably have enough material on hand to fill fifteen more boxes. It is a problem to get paper strong enough to wrap these boxes on the outside.

Mar. 4. Labelled and packed boxes 244 - 245.

I secured a salamander 4.4 inches long, or 111.8 m.m., and having a head with the breadth of 18.5 m.m. I am sending it along after it is

well cured in formalin.

I have packed seven boxes of fish. The carpenters are making boxes just the right size for the fish. Because tin is apt to rust and spoil the fish, I am trying the experiment of making boxes into which the fish fit closely, and simply putting the fish inside these boxes wrapped in cloth that has been soaked in formalin.

I ~~very~~ nearly got a good mammal today, but lost it because I tried to jerk the man down. He

got mad and went away.
March 5th. Today the
carpenter has been busy
making boxes for specimens.
I took one anthropometrical
measurement. I packed several
boxes of specimens, and
labelled two. I took a long
walk, and secured a few
insects. I secured a few
fish specimens. I gave
a prospective collector a
little instruction and
developed one of the films
I exposed on the trip to
Kiating. I also took
several pictures.

March 6. Today I had the

the carpenter ~~make~~ ^{make}
some more boxes for ^{shipping}
future specimens, and
purchased a large bird.
I'll have to get some new
oilcloths made for the collecting
of next summer.

March 8. During the past
few days I have been getting
boxes made for the future ^{shipping}
of specimens, and this morning
I worked out a financial
statement of the Smithsonian
accounts to date, which
will be mailed to Dr. Wetmore
tomorrow. Within the next
few days I expect to mail
all the specimens I have

on hand excepting a few
fish that are not quite pickled.
Then I want to take a trip
up the Yangtze River to Shii'
Kiang, four days west of Suifu.

I have already labelled
boxes of specimens up to
and including box no
256.

March 9. Today I packed
box no 257, artifacts from
the Han Dynasty caves,
and sent seven boxes to
the postoffice. All my
boxes are now properly
wrapped, labelled, and
ready to send to the
postoffice Monday morning.

Several flocks of
the large cranes have
flown over, migrating
northward.

March 10. Filled box no 258
with artifacts from the
Han Dynasty tombs. The
West China Union University
would like very much to
secure these artifacts, for
not a few of them have
not yet been found by
anybody else.

March 16. I have been preparing
for a trip to Shii Kiang,
just beyond Pin Shan
on the Yangtze River west
of Suifu, on the Yunnan^{side}.

Lehen Zik ien asked that
he be given some collecting
materials and be allowed
to bring in what he could
receiving pay in proportion
to what he brings in. I have
consented, for in this
way we shall pay only
for what we receive.

I have sent for a young
man to come and learn
collecting, going with me
on the Shui Giang trip,
and being taught each
day, but he has not
come. Just now I am
meeting a few discouragements
collecting.

Linnell

March 17. I was vaccinated
before starting this morning.
Travelled 98 li to Ngan
Bien or An Bien. Secured
five birds, but only one
that was specially interest-
ing. Passed a small
lake on which were what I
think were grebes. The
Chinese navigate this lake
in tiny boats that can
hardly hold two people,
and are much in danger
of filling with water. I
wounded one bird, but
it got away through
its skill in diving. I
got very few insects.

Before starting on this
trip I mailed all the
boxes that I had filled
including box no 258.
March 18. We travelled
120 li to Pin^{er} Shan,
平山 or Flat Mountain.
There is a high mountain
near here flat on top.
This was a very long
trip to take on such
a hot day. 100 li is
a long day's journey.
Last night about 11:30
the messenger Jin
Shiang Bin came
and knocked loudly
on my door. He had

a letter from Yang Fong
Pearce, who has killed
two leopards, and has
their skins and ^{skeltons} skeletons.
They are worth at least
\$75.00 gold. I have
sent the messenger
to tell Yang to bring the
specimens at once
to Suifu. People
have brought a lot of
pressure on Yang Fong
Pearce to get him to
sell the skins and
bones. Mammal no 187
" " 188
March 19. Travelled 90
li to Shih Giang. Yester-
day and today I saw many

fields of growing opium,
some of them in bloom.
The poppies are the
white variety - that is,
their flowers are white.
The white poppies are
said to yield the best
opium.

Generally the ground
covered on this trip is
good collecting ground.
This time it has been
very poor. Probably
the reason is that
the weather is very
hot and dry. It rained
hard at Suifu a few
days before I left.

No rain fell this side
of An Bien. The ground
is very dry and hard, and
insects are very few.

I got four birds
today at two shots,
but they are not
uncommon birds.

The floods last
year did a great deal
of damage to the towns
along the river, destroying
many houses and temples.
March 20. Secured a few
good insects.

March 21. Killed three birds
and secured some more
insects. I was invited to

a Chinese feast.

Today is my birthday but nobody here knows it, so ~~the~~ ^{day} has passed away very quietly.

March 22. I have made arrangements to leave for Suifu by boat tomorrow.

Packed for the trip down the river, and labelled specimens.

Today I saw a Chinese beggar who was born at Suifu - Bo, west of here. His hair is like that of a towhead flaxen. He squints his eyes

nearly shut all the time. I took his picture and had someone open his eyes enough so I could see their color. They are blue. He is apparently much ashamed of it. His skin is white.

I walked a long way, but got only one bird, a rather common one.

I do not waste ammunition on the most common birds. Ammunition is too hard to get.

March 23. My ammunition is getting so low that I am going to use it very

sparring until the summer
collecting trip, for it is not
at all certain that more can
get to me from Shanghai.
I will practically leave out
shooting birds. I will bend my
energies to preparing for the
summer collecting trip, and
will emphasize the securing
of fish, trapping through collectors
etc. I must replace many
of the oil-cloths for they
are in a very bad condition.

Because of the continued
draught, the official here has
ordered praying for rain.
Already priests are
reading the sacred books

of the Dragon King, dressed
in ceremonial robes, accom-
panied by the beating of drums,
gongs, and timbrels, and with
much bowing to the gods.
Boys are getting ready to have
the dragon parade. They are
naked above the waist and
wear on their heads wreaths
made of green willow twigs
and leaves, and have a
straw dragon in the parade.
People throw water on the
half-naked boys.

This afternoon I received
a telegram with birthday
greetings from my wife and
family.

~~On March 18~~ 2

met a Folo at Pin² Shan. He stated that the clan system, of families of the same name and descendants from the same ^{ancestors} living together and marrying only members of ~~other~~ ^{clans} exists throughout Folo land. He said that the Folos used the mouth harp, and that in marriages a cow, sheep, and wine are given for the bride as a sort of a purchase-price.

I have travelled from Suifu to Shii Giang many times.

The process of deforestation is going on apace west of Pin Shan. Large trees are being cut down, and new trees are not growing in proportion to those cut down. Grass-fires (the grass grows very tall) are helping along the process by killing the young trees. This section may become semi-arid like that west of the Pa-Shiang-Jin Pass, especially if this process goes on.

March 25. I did not get off yesterday, because ^{there}

were important matters not yet attended to. This morning ~~we~~ got a late start, and reached Ngan Bien. The boat is a large one. I secured an escort from Pin Shan to Ngan Bien. The deforestation is less evident as we approach Suifu.

One of the bothers in over-land travel in China is, that a coolie carrying a ^{heavy} load is likely to ~~secretly~~ throw away some of it. This time I have been anxious about the disappearance

of the anthropometrical instrument for measuring chests. It disappeared on the way to Shin Giang. I sent a trusted coolie down the river, to enquire at all the stopping-places, ^{such} as inns, &c. ~~there~~ we found the instrument in our chapel at Ngan Bien tonight, where the coolie ^{dumped} it secretly off his load just before starting from Ngan Bien to Pin Shan. It is lucky that he left it in our chapel instead of a strange inn.

March 26. In the morning at Ngan

Then the opium-tax collector came on the boat looking for opium. There was no opium. But he demanded some squeeze or a bribe before allowing the boat to proceed. The captain offered him a small sum. The collector demanded a larger amount. words grew warm. The tax-collector struck at the captain with his iron cane. The captain warded off the blow, and shoved the collector down the hill. The collector had the captain arrested and publicly spanked until his hips were blue. We reached Suifu about 1:30. My friend Mr. Edgar, F.R.G.S., was in Suifu, on his way to Tatsienlu. We had a fine

visit, with thousands of interesting things to talk about. We hope the Smithsonian Institution will back a collecting expedition in 1930 into Tibet, as far as I can go. Mr. Edgar will then go along with me as guide, without salary or compensation. He can speak Tibetan.

March 27. I am getting odds and ends of work settled, hoping to get specimens packed and forwarded soon. Yang Fong Tsang should get in with specimens soon. Last night it rained.

March 28, a notice from the postoffice today will make some difficulties in forwarding some of

the specimens. Those in alcohol or formalin will have to be sent to Shanghai in care of a friend rather than by parcel post.

Yang Fong Tsang is overdue. He may be having some trouble.

March 29. Filled boxes

259-264.

April 2. It has been raining hard during the past few days. The messengers Jin and Yang Fong Tsang are long overdue, and there is no word from them.

A letter from Yachow

says that the Roosevelt party has been at Moupin seeking the white bear. I am very anxious to try my luck getting that bear next summer, also the golden-haired monkey and the white leopard.

Today I sent six boxes of specimens to the post office.

There are reports of war in east China and rumors of coming civil war in ~~Szechwan~~ Szechuan Province. April 4. Yang Fong Tsang has arrived with his two leopards. There are also forty seven small mammals. I spent

a good deal of time labelling the specimens, reckoning accounts^{etc}. There are five bird skeletons and skins. Mammals no 159-234 were all small mammals. Small leopard, no 235 large. " " 236

This work kept me busy until after eleven P.M. In the afternoon I had a physical examination, and am in good physical condition. April 5. Last night I took the two leopard hides and skeletons into my bedroom, because in any other room in this house rats might

get in and injure the specimens. A large rat evidently smelt the specimens, for about twelve o'clock one began gnawing loudly on the wood-work on the outside of my room trying to get in. He kept this up three hours, in spite of anything I could do, merely stopping temporarily when I made a noise. Then he gave it up and went away.

Yang Fong Tsang caught the small leopard in a trap, but to secure the large one he had to secure the help of several hunters who claim most of the specimen. I have had

to reward them twenty dollars
gold. Such difficulties are generally
faced by getting large mammals
excepting when one is fortunate
enough to secure the specimen
himself.

The cook who brought
Yang's load is a Lehman Miao
so I took his anthropometrical
measurement yesterday.

See note
Jan 14. Filled box 265, bird and
rattskins, 266, filled with fish.

Purchased a strange fish.

Took two anthropometrical
measurements today and some
pictures.

The Eastman films
ordinarily have paper

and mutilage so
that you can stick
the second end of the
film fast. The last
batch can not be
stuck fast, so that
the films rolled up
in balls and spoiled.
This makes it necess-
ary to send the
films to be developed
instead of developing
them in my own
tent.

a number of people
have called to see
the two leopards
today.

The mammals
were numbered 1
changed later.

I have spent much time getting Yang Pong Tsang ready for his work during the next two months. He leaves tomorrow.

Saturday, April 6. I spent today on the nearby mountains collecting.

I did not see a single thing worth shooting, but caught a number of insects. I spent some time training a man who might possibly do as a collector.

It was a good day, but tonight it is raining hard.

April 7. This afternoon I went out collecting with a new man who wants the job of collecting. I will give him some training, and if he makes good, he can have the job.

April 8. The new collector worked by himself today, and while he brought back a number of insects, he brought back nothing worth while. I suspect that he is not bright enough to do the job, but can not be sure yet. I bought lumber with which to make boxes in which to ship the

Leopards and other specimens
Apr. 11. During the last
three days I have been
packing specimens and
having the oilcloths
repacked. Some of the
oilcloths are in bad
condition, but I am ^{repairing}
them rather than securing
new ones.

It rained hard all day
yesterday. I was inoculated
for typhoid Tuesday evening,
and felt very poorly yesterday.
The netter worked today
again.

Apr. 12. One man went after
water insects today, and did

not get many. Another man
went after flying insects,
and did not return with
his catch. I wrote to
the firstmaster today, and
if he says it is safe to
ship specimens, I'll soon
send the largest box I have
yet sent, one containing two
leopard skeletons, and
some other specimens.

There is evidently ~~not~~
civil war in the northern
part of the Province, but this
city does not seem to be
disturbed much about it.
^{Almost} Every day I am making
preparations of some kind for

the collecting next summer.
Took one anthropometrical
measurement.

April 13. Had one netter
working near Suifu today.
Secured a small mammal,
mammal No 237.

I am getting scared
lest the Smithsonian
Institution will not back
up the collecting
expedition to Moupin
next summer. I ought
to yield the richest
results yet secured,
a steamer with mail
sunk in the Yangtze
River, so Smithsonian

letters may have been lost.
Apr. 14. The Collector Shiao
secured so little that it seem-
ed evident that it was a
waste of money to employ him,
so I paid him off and sent
him home. He is not bright.
It takes a little brains to
net or collect any kind of
specimens.

Filled boxes 265, bones

266, ratskins, 267 bones

268 animal skins 269. ^{skin} feline

Box no 270 ratskins 271, fish
272. birdskins & 273. Leopard
skeletons.

April 15. I have been a little
under the weather during

the past few days. Took a
dose of salts this morning.
Spent some time putting
final labels and wrappings
on several boxes of specimens.
Box no 273, containing
two leopard skeletons is
the largest and heaviest
that I have sent.

I received word from
the postoffice that it was
not accepting and forwarding
packages by parcel post
at present. That means
that I'll have to wait a while
for the next shipment.

Mail has not been coming
up the Yangtze River for some
time.

April 8. Having lost one netter,
I am trying to get a new
netter that is worth his salt.
It is not an easy task. The
last man I tried was practically
useless. Today I am sending
a messenger to get a young
man I know, hoping that he
will be all right.

It is reported that steamers
will be coming soon, and then
it should be possible to forward
the next shipment of specimens.

Filled box no 274, a
large salamander
Length 111.5 mm, 4 1/4 inches.
breadth of head 18.5 ".

April 19. Leher Jih ren, our
netter for several years, came
in today with five large
bottles and eight small
bottles of specimens, and
one box of insects. I paid
him ~~about~~ two dollars
and five cents gold, and
he is satisfied. At Yachow
he secured about the same
number of specimens in
one month, and he
received about seven times
as much pay for it as
wages and food account.
There is no doubt that
he played possum at
Yachow. He is going

with me on the collecting
expedition, and I can
then watch him all
the time and get very
good work out of him.
He is not on salary now,
and is merely paid a
small amount for the
specimens he brings
in. I am trying hard
to find a netter that I
can keep on time all
the year.

Filled box no 275 mammal
skins and skeleton. Box no.
276, 277, 278, containing fish
specimens.

P. M. This afternoon

a young fellow came in who wants to learn to be a netter. I am going to try him out.

This afternoon I took another anthropometrical measurement.
Apr. 21. Spent much time copying Chinese male anthropometrical measurements 51-75 for Dr. Hrdlicka. The work is unfinished.

I took the new netter out to give him some training at netting insects.

April 23. I have taken a short trip to Si Chuan. Secured two birds and some insects.

It is now certain that civil war has actually begun in Szechuan Province. April 24, mail has not gotten through from Shanghai for one month, probably because of warfare at Hankow and at Jehang.

Apr. 24 Today the new collector, Shiao, aged 16, having been put up to it by the older collectors, struck for the same pay the older and more experienced collectors are getting. I told him that as he learned and gained experience I would add, but I would

not add to his wages on any other basis - that if he did not want to do the job under that understanding, he could return home. He decided to continue. I am really training and trying out the new collectors, paying the two of them ^{part} "together" about what I was paying Chen Jih Lien before he was taken off the salary list.

Today I purchased four vases made out of the tree-stalks of fern-trees, which are found only in a locality near Suifu.

Since they are rather heavy, I shall probably send only one to the Smithsonian Institution.

I copied Chinese male anthropometrical measurements 51-75 to send to Dr. Hrdlicka and will mail them tomorrow Apr. 25. Today was a rainy, cold day, so little could be accomplished.

The postmaster informed me that there is fighting near Suichow, east of here, and that there has been fighting

at Jchang. Letters
are not getting through
from Shanghai, so
we have received no
letters from America
for at least a month.

My specimens can
not at present be
forwarded, but must
await the end of Civil
war in Szechuan.

I have gone over
my ammunition,
and find that it is
as follows -

Dust shot,	415 rounds
No ten shot	230 "
" revolvers	10 "

no. sixes,	20 rounds
" fives,	325 "
" twos	20 ..
" ones,	125 "
BB's,	145 ..
Buck,	150 ..
Newton Highpower,	130 "
32 extra long,	120 "

I am shortest of
the kinds which I need
the most, no ten shot,
and 32 extra long
loaded with dust shot.

This makes rather
scant supplies for
the Moupin trip, but
with careful economy
we can do with what

we have. I will
practically do no
shooting until next
summer so as to
save my ammunition
for the summer collecting.
The ammunition which
the Smithsonian
Institution sent to
Miss Jacey for me
can not possibly get
to me in time for
the summer trip.
April 26. I spent the
morning cleaning up the
room where the collecting
outfit is kept, and in
straightening these articles

around. I also wrote
labels on some of the
boxes of specimens. This
afternoon the sun came
out, and the new netter
collected some insects.
April 27. Today I had
two men out netting,
one after water insects
and one after flying
insects. Some of the
water insects look interesting.
Apr. 28. Today I took anthropo-
metrical measurements
of two Chinese men. I wrote
to Yachow and to Tatsienlu
re future collecting.
For over a month, now,

mail has not come ^{through} from Shanghai. It seems certain that neither ammunition nor photo supplies will reach me in time for the summer collecting trip. I will keep the films I have on hand, and very carefully take care of my ammunition.

Just now I can not forward the specimens on hand to Shanghai.

I will have them all ready to mail as soon as it is possible to do so. April 29. The reports on the

street today are that fighting has ceased in Beichuan, at least temporarily. We hope the reports are true.

For the first time in nearly five weeks foreign mail has arrived. There are several letters from the Smithsonian Institution. I expect to take the trip to Moupin this summer.

This afternoon I went across the Yangtze River looking for a field mouse which I caught sight of, but did not capture. I have set two traps. This mouse was yellow, and had a dark

stripe down its spinal bone.
Apr. 30. No field-mice were
caught. The new netter
Shiao is leaving tomorrow.
I think it is as well, for
I do not think he could
make good.

I spent a lot of time
on my accounts, and
nearly have them
straightened out.

May 1. Filled box no 279 insects
" 280, bird bones & insects.

All these boxes have
been wrapped and are
ready for mailing.

I have now secured
bottles enough for the

summer collecting trip.

There is severe fighting
in central Szechuan, with
many wounded. Some
of the wounded have arrived
at Suifu.

May 2. Packed box no 281, insects

" " " 282 snakes

May 3. Took a trip to the
nearby mountain to collect.
Secured two birds, some
good insects, and a snake.
A leopard was killed ^{yesterday} on
the mountain, but I did
not get to see it. I went
to a cliff and by a rope
let myself down to an
old leopard hole, but there
was no leopard.

May 4, a collector went out to collect water insects, getting a few.

May 5. It rained hard all day.

May 8. A new collector started in today. He acts as though he wants to learn and to keep his job. I went out to show him how to net. I ^{saw} a white flycatcher. We secured some good insects. Mailed nineteen packages of specimens, one the largest I have ever sent, and several others large. Caught a snake. May. Better worked all day collecting insects. Worked on the Smithsonian accounts.

May 9. I went out with the new netter, Huang, to give him some new instructions.

May 10. Better Huang brought in a few insects.

May 11. Today I spent some time packing the first box for the summer trip. The new netter has a sore foot.

May 12. The doctor found that the new netter has a bad case of syphilis, so I have paid him off and dropped him. I am sorry, for he seemed a likely person.

May 13. Called a new man to learn collecting, named Jim. Spent part of the afternoon and an hour after dark teaching him.

May 14. Cold and raining all day. Spent much time fixing travel boxes etc for the summer trip.

When Gil Yen brought in some specimens.

The American Express Company reported that it sent a shipment of specimens VIA the Suez Canal. This might have been a typographical error. I wrote and urged that

they send specimens by the speediest route, meaning the speedier route as between the Panama and the Suez Canal. They have sent a shipment by land across the United States. I am therefore telegraphing to send it by the Panama Canal.

MAMMAL 238, mouse.

Apr. 15. A cold, rainy day when nothing could be collected. I took one anthropometrical measurement, and had the collector work on the travel-boxes to be used this summer. Many

of the ropes were worn out and had to be changed. Prepared some films for mailing to Dr. Wetmore.

May 16. Today the weather cleared up, and tomorrow the insects will be out. It is also rather warmer. Mailed some more films to Dr. Wetmore.

May 17. Purchased four mammals, a mother and four pups, or kittens. Mammals no 239-242

May 18. At daylight I went to the mountains where a young leopard was trapped in a coal mine. I gave him three shots with the 45 revolver, and one with the Newton high-power rifle.

The first shot probably killed him. He was in too helpless a position to be exciting. Many visitors came to see the leopard.

Mammal no 243. When farmers or hunters cooperate with you in getting a large mammal, they expect a big reward from you.

May 19. Secured another mammal Mammal no 244.

It is different from the one I secured on the seventeenth. May 20. Killed ~~box~~ no 283, insects. Box no 284 skeletons.

Box-285 bones of young leopard
Today the new netter,
Jim, said that he could not
collect regularly, but only
occasionally. So I am
not counting on him as
a regular collector. I
have had a very hard
time getting a third person
to collect.

May 21. Filled box 286,
frogs. Box 287. Insects
and eels Box 288 frogs.
Box 289, snake
Box 290 shrimp.
291, snakes.
292, frogs 293. Insects
Box 294 Insects

Secured mammal no 245,
a young fox.

May 22 Filled box 295;
snails Box 296. Clams
297 frogs and insects.

Purchased mammal
number 246.

May 22. I took one
anthropological measurement.
I spent some time wrapping
and labelling boxes of
specimens. I went to
the postoffice to see if
packages could get
through to Shanghai. Just
now they can not.

Filled box 297, bones
of mammal specimens.

May 23. Today I spent considerable time packing for the big summer trip, and also drying the mammal skins over the stove. It takes care so as to get them dry, but not to scorch them. Someone brought around a live cub bear, very small, but it was probably of no special value.

May 24. The day has been roasting hot. We have wrapped some of the packages to be ready for shipping.

I took one anthropometrical measurement, and secured some insects.

A bad accident has happened. The shutter on the Eastman kodak will not work. I will have to send it to Shanghai to repair it, and it can ^{not} get back by summer time. I will try my best to ^{get} borrow an Ansco kodak from a friend at Kiating. It is the same size as the Smithsonian kodak. It would be very regrettable to take this summer ^{trip} without a kodak.

26. Purchased a mammal
mammal no 247

May 25. I am having
a very hard time to
preserve the mammal
skins we have secured
recently. I am disappoint-
ed a little. The skinner
evidently did not get
some of the skins
free of fat, and the
fat has done harm.
The skins are ^{preserved}
as round, not as
flat skins. The leopard
skin is decaying around
two of the feet. This
skin should have been
a flat skin, with the
bones cleaned and

laid bare. We will
try to do better work
in the future, and to
learn from this
experience. The ears
should have been
fastened down as they
dried. I am very much
disappointed with this
leopard skin, and am
tempted not to send it
but we will learn from
this experience. It will
help us avoid spoiling
more important skins
that we may secure
next summer.

we have had hard rain ^{several}
days, but today the weather ^{was} clear.

May 30 Filled box 298
mammal skins

May 31. I hardly dare hope that
I have struck a streak of luck.
a strong young man is trying
the work of netter with the
understanding that if he
makes good, the job is
permanent. He has gone off
today to net water insects.

I am sending a messenger
to make sure Yang Fong
Tsang is coming and the
former netter Lehen. I ~~hope~~
hope that this summer
will be one of the most
fruitful I have spent in
collecting, about twice as

fruitful as last summer.

I am very much
disappointed with some of
the recent mammal skins.
The weather has been so hot
that there has been danger of
the skins rotting in some
place, as actually happened
with the leopard skin. I
dried them ~~near~~ the stove,
and two of the skins were
scorched and discolored
above the nose. It looks
as though all the mammal
skins above the ordinary ^{rabbit}
skin will have to be
preserved as flat skins.

June 1st, I went to the mountains to train the coolie that I hope will ~~serve~~^{act} as netter. Killed one bird. I am saving my ammunition for the Moupin trip, a very hot day.

June 2. Today was a busy day. I delivered two addresses. I gave the new netter some instructions and he went netting this afternoon.

War has broken out in Szechuan again. Boats are being commandeered.

June 3rd. Packed box no 299, mammal skins. The new netter, Jai, worked all day catching insects. Worked a little getting ready for the summer excursion.

June 4th. Packed box 300, Insects. Received two letters from Mr. Wetmore. Did considerable packing for the summer trip. It rained all last night and most of today.

June 5th. Packed box no 301, fish and one snake.

Mailed 17 packages ^{specimens}.
June 6th. I spent some time

packing today. There was a long committed meeting that took considerable time.

I am building high hopes for the Moupin trip, but today some bad luck showed its face. I sent a messenger a few days ago to bring in my aborigine hunter, Yang² Fong⁴ Tsang¹. Today he returned. a large ^{band} of robbers is operating on the Yunnan border between the home of Yang Fong Tsang and Suifu. They have looted

several small towns. There is war between them and the militia. The messenger was ^{unable} to get to Yang Fong Tsang, and the latter may not get to Suifu for the Moupin trip.

Another indication of bad luck is that there is draught at Kiating and at Yachow, which has doubled the price of rice. This will mean that some of our expenses are higher this summer.

We will be disappointed if Yang Fong Tsang

is not with us on the Moupin trip. We need him badly. He will be safe where he is, ~~but~~ there are caves to hide in where an enemy hardly dares to draw near, but we may have to make the trip without him.

June 7. Chen Gih Wen, the old netter, came in with six bottles of frogs, a large weasel, mammal no 248, six small bottles, and three boxes of insects, Box 302-304.

June 9. Received letters from Dr. Wetmore and Dr. Schauss.

Jan 10. To my joy Yang² Dong⁴ Tsang arrived today, with six boxes of insects and a good number of snakes. He got a few mammals and birds, but this time he specialized in insects. We will have all the old collectors back again, and in addition a carpenter with a Chinese rifle, and a new netter whom I am training. This will be the largest number of collectors that I have had on one trip.

The mammals include nos. 249-254. There were

~~seven or eight~~ ^{ten} bird skeletons.
Filled box 305 skeletons
" " 306 insects

June 10th filled
Box 307 Mammal
specimens. Box 308 Pinned Insects
June 10th 309 Insects 310 Insects.

311 Insects. 312 Snakes

313 Snakes. 314 Insects

June 10th filled and wrapped
boxes 308-314. Prepared
nine boxes of specimens
for shipping, and took
care of other specimens
that will have to
pickle in formalin
until next fall.

I am now
reckoning and

accounting for the
salaries of the skinner
and the aborigine hunter
until July first. Tomorrow
I will mail nine packages
the last before the summer
trip, unless I am able to
add one or two.

June 11. Mailed nine packages
of specimens, all that have
been packed, and the last
before the summer excursion.
There were a few very interesting
snakes and frogs in the lot!

Spent most of the
day packing with the
help of Yang Fong Poang
and the new netter

Fai delivered an address in the church. I found that I did not have a sufficient number of oilcloths to cover the boxes, so purchased some more cloth, and am rapidly making more oilcloths.

I expect to leave Suifu Saturday, June 16th, making the trip to Moupin in eleven days, but going on soon westward through the great wooded valley between Moupin and Mong Kong, or Mong Kong Ping, which is really the great

Moupin district. That will give me about twenty-five days, the longest time I have spent collecting I think, at any one place. I have very high hopes of making this the most fruitful collecting trip that I have yet taken.

I have five collectors helping me instead of three. One of these is an old friend of mine who is a carpenter. He makes boxes very rapidly, and will make boxes as we need them. He also has a

rifle, and will hunt and trap, and help in any way needed. I am taking a larger collecting outfit than any previous trip.

~~Weeks~~ ago I sent to the Eastman Kodak Company at Shanghai for films, but they have not yet reached me. I'll have some sent to me by mail.

I am short of ammunition, for the shells sent by the Smithsonian Institution are still at Shanghai. I will not get them until

a friend comes along who is willing to bring them along with him. I will save my ammunition and do practically no shooting until we reach the Moupin district. If I use up all my ammunition in the Moupin district I will think that that is the wisest use to make of it. I will try not to neglect any of the ordinary lines of collecting. Among other things, I will keep my eyes and ears open for white bear,

golden-haired monkey,
Tartan, and white leopard.
Of course I know that
some small, unknown
specimen may be as
valuable as or more
valuable than any of the
above, not financially,
but scientifically.

Dr. Wetmore has
instructed me not,
to do any archaeological
excavating at Kiating.
I think he is wise in
so doing, although I wish
the Freer Art Gallery could
send an expedition into
Szechuan, Dr. Wetmore

has not said that he
wishes me to discontinue
the purchase of artifacts
that are not expensive, and
that are worth-while specimens
for ethnologists or anthropologists.
I shall try to be more
careful in these purchases
in the future than in
the past.

Next year I hope
to take an excursion
to the interior of Tibet
with my friend, Mr. Edgar,
F.R.G.S. A friend has
recommended me for
an F.R.G.S., but the
reply has not yet been

received.

June 13. This has been a very busy day. I have been packing and packing and packing, with the help of the Chinese collectors and Yang Fong² Tsang⁴. Incidentally, I had two important committee meetings, and a number of callers. I had seven friends to dinner.

Tomorrow I will mail this diary and a financial report to date. Then I will begin diary number

seven, the account of the summer collecting expedition.

I am not taking the Victor Rolling machine along. I want to cut down expenses where I can do so without lessening the results in specimens collected.

The main obstacle I now see to reasonable expense accounts this summer is the fact that food has doubled in price at Yachow and probably at

Moupin. I will probably
purchase very few
artifacts, spending most
of the money on the actual
task of securing
biological specimens

David Graham,
Suifu, Szechuan,
China

June 13, 1929

I have tried to have all
expenditures to date accounted
for, so there would be
none included in the
summer collecting trip.

